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Our Case No. 5050/584

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John A. Hossack et al.

Serial No. 09/369,510

Filing Date: August 6, 1999

For Medical Diagnostic Ultrasonic
Imaging Method and System for
Displaying Multi-Phase Multi-Frame
Images

Examiner: M. Choobin

Group Art Unit No. 2721

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please enter the following amendments in the CPA OF U.S. Patent Application
Serial No. 09/369,510.

IN THE CLAIMS

Please cancel Claims 1-23 without prejudice and enter new Claims 24-39:

24. An ultrasonic imaging method comprising:
- (a) acquiring image data for a plurality of frames, each frame identified with a respective phase of a physiological cycle;
 - (b) generating a first image from image data from at least two of the frames of (a) associated with a first phase of the physiological cycle;
 - (c) generating a second image from image data from at least two of the frames of (a) associated with a second phase of the physiological cycle; and
 - (d) displaying at least the first and second images in sequence to a user.